

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In the Application of:** Martinsen et al.

**Application Serial No:** 10/537,508

**Filing Date:** July 18, 2005

**Title:** Live finger detection by four-point  
measurement of complex impedance

**Group Art Unit:** 3736

**Examiner:** J. Foreman

**Atty. Dk. No.:** 2800-127

**Confirmation No.:** 4530

Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AND REPLY UNDER 37 CFR §1.116**

Dear Sir:

This amendment and reply is being submitted in response to the final Office Action mailed March 18, 2010. Accordingly, this Amendment is being timely filed with a one-month extension on Monday, July 19, 2010.

*Amendments to the Claims* begins on **page 2** of this paper.

*Remarks* begin on **page 5** of this paper.